

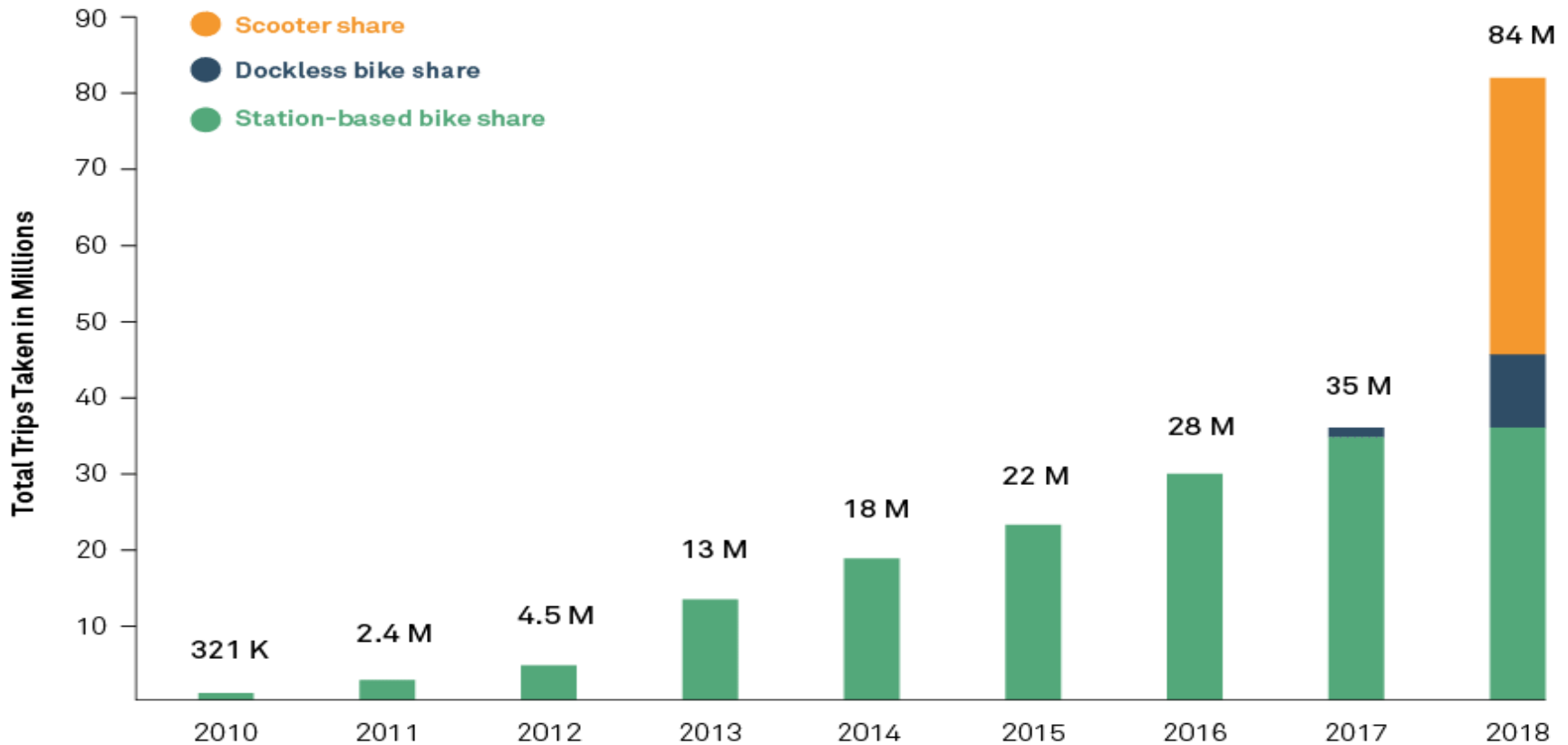
# Update to the Crystal City Civic Association on the Shared Mobility Devices Demonstration Project

Jim Larsen, Commuter Services Bureau Chief

6/3/19

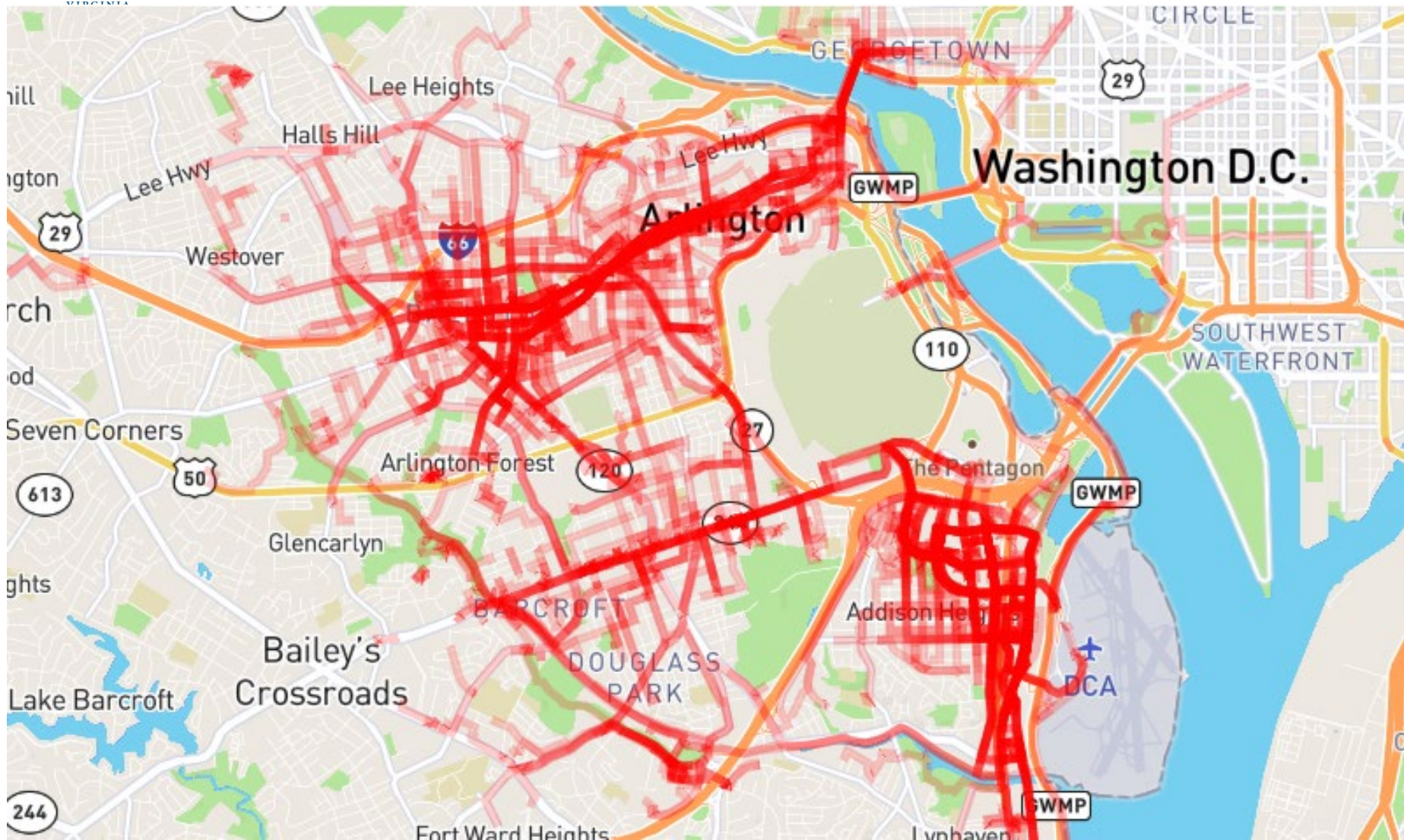
- SMD Background
- Community Engagement to Date
- What has Arlington Done to Date

## 84 Million Trips on Shared Micromobility in 2018



Source: NACTO

# Usage



313,166 trips and 307,243 miles – Oct. 2018 – Apr. 2019

## Community issues:

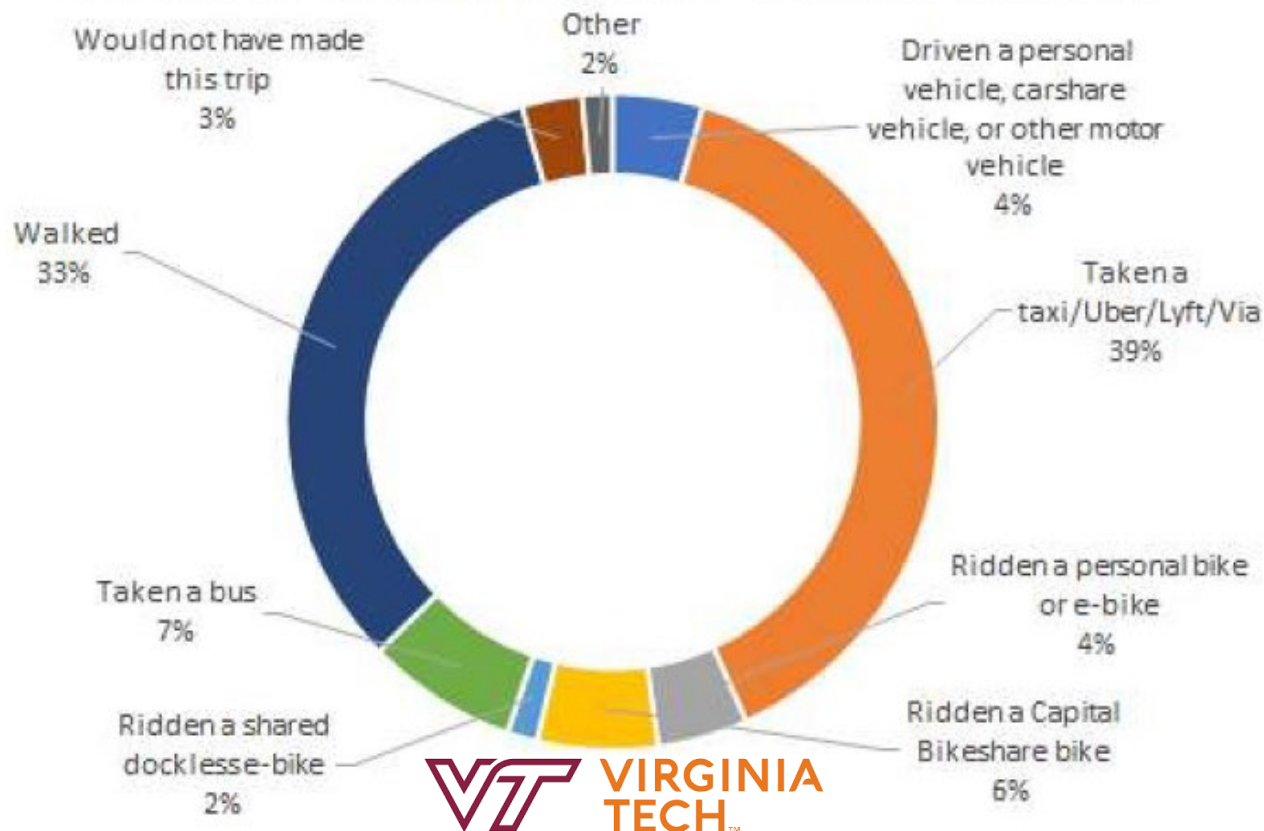
- sidewalk-riding
- sidewalk-parking obstructing pedestrians
- perceived unsafe/erratic rider behavior
- riders under 18 (the operators' minimum age)

## Operator issues:

- not relocating e-scooter within 2 hours of report
- deploying in main pathway of a sidewalk
- not limiting top speed to 10 mph
- deploying too many e-scooters at any site (>6)

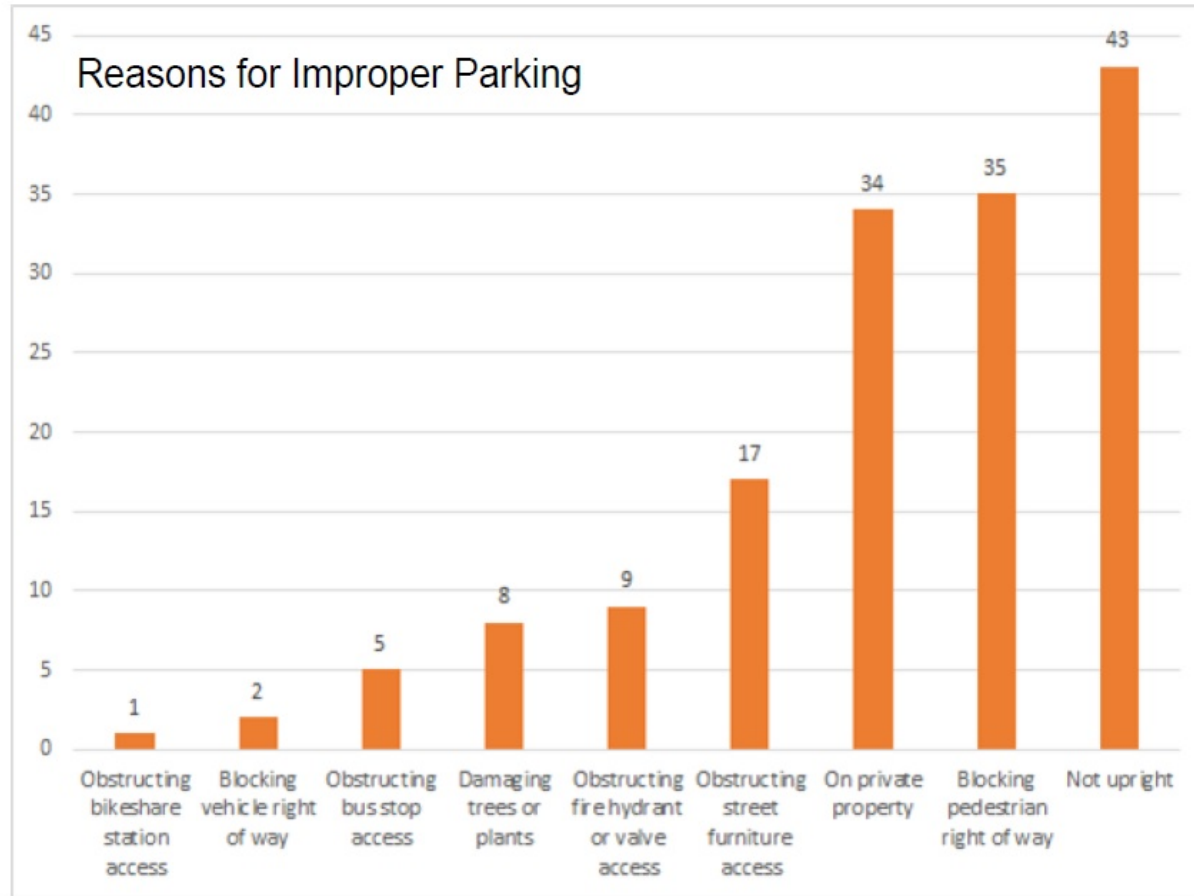
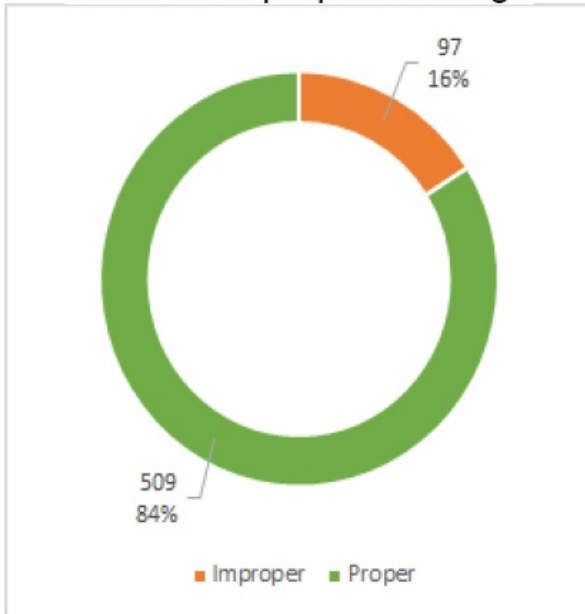
## Results – Mode Replacement

If a dockless e-scooter had not been available for your last trip in Rosslyn, how would you have made that trip? (N=67)



## Results – Rates & Reasons for Improper Parking

Rate of Improper Parking



# Pilot Extension

- 9-month pilot to end in June
- County Board to consider extension to Dec.
  - Would include summer ridership instead of cold months only
  - Additional time for analysis
- Continued notification of breaches to operators



- Parking impacts on pedestrian, bike, and vehicle safety and circulation
- Number and types of breaches, by vendor, and resolution
- Communications from operators to users and community
- Fleet size
- Equity (e.g. of access, distribution, use)
- Comparison of crash rates to other transport modes
- Mode replacement
- High-use areas and routes within the County
- Community response during pilot

Summary: Analysis to inform staff's recommendation to County Board about reasonable County response to this new mode

## Major changes:

- **County must have ordinance in place for SMD operators by Dec. 31, 2019 or it cannot regulate them at the local level.**
- “Motorized scooter” added to state code
- Sidewalk riding is allowed, unless prohibited by local ordinance
- Top speed of 20 mph is allowed, unless prohibited by local ordinance
- County allows 10 mph for e-scooters, 20 mph for e-bikes
- Staff will be advised by County Attorney's Office on meaning and options

- **May-Sep:** Public outreach continues and data analysis
- **Jun:** Request County Board extend demonstration
- **Oct:** Board receives analysis results and recommendations from staff, gives direction
- **Nov-Dec:** Staff implements direction from County Board and Attorney's Office regarding changes to demonstration, new regulations, etc.
- **Jan:** Scooters may operate under new program or regulations

- [Online](#) feedback form open (May-June)
- Pop-up Community Outreach - Farmer's Markets, Fridays at the Fountain
- Sept/Oct: outreach to commissions, committees, and citizen groups
- [Mobility@arlingtonva.us](mailto:Mobility@arlingtonva.us) inbox